

M-CAP Directions

The instructions are carefully worded with simple, age-appropriate language. What you say to the students is in **bold print**.

Say to the students:

For grades 2–6: We’re going to take an 8-minute math test.

For grades 7–8: We’re going to take a 10-minute math test.

For all grades: Read the problems carefully and work each problem in the order presented.

Do not skip around. If you do not know how to work a problem, mark it with an X and move on. Once you have tried all of the problems in order, you may go back to the beginning of the worksheet and try to complete the problems you marked.

Write the answers to the problems in the blanks. For multiple choice questions, place the letter (A, B, or C) of the correct answer in the blank.

You do not have to show your work, but you may if that is helpful for you in working the problems.

Keep working until you have completed all of the problems or I tell you to stop.

Do you have any questions?

Answer any questions the students may have, hand the students their probes, and say:

Here are your tests. Put your name, your teacher’s name, and the date on each page in the space provided.

Do not start working until I tell you to begin.

Allow the students time to write their information on the probe.

Begin.

- If a student asks a question or requests clarification, redirect him or her to the probe and say:
- **Read the directions again, and work the problem the best you can. If you still do not understand the problem or are unable to work it, you may move to the next question.**

When the appropriate time has elapsed (8 minutes for grades 2–6, 10 minutes for grades 7–8), say:

Stop and put down your pencil.

If a student(s) continues to work, re-state:

Stop working now and put down your pencil.

At this time, the examiner should collect the probe(s) and proceed to scoring.

M-CAP Directions & Scoring

Math Reasoning Probe

8-10 Minute Administration Time

M-CAP Scoring

Unlike AIMSweb M-CBM, there is no correct digit or partial-credit scoring; the problem either receives full credit or no credit. If any part of an answer is incorrect, whether it is a one-part or multi-part question, the score for that item is 0. For the user's convenience, the Answer Keys are designed for easy scoring. Place the total number correct on top of the front page.

Student: _____

Teacher: _____

Date: _____

Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 7, Probe 2 Answer Key

Item No.	Answer	Correct	Incorrect
1.	$-1.7, -\frac{7}{5}, 0.7, \frac{7}{4}, 7.8$	1	0
2.	50	1	0
3.	8	1	0
4.	C	1	0
5.	2500	2	0
6.	<, >	2	0
7.	6	1	0
8.	0.113	1	0
9.	$\frac{7}{9}$ or 7:9 or 7 in 9	1	0
10.	-56	1	0
11.	\overline{CF}	1	0
12.	7	1	0
13.	9	1	0
14.	B	2	0
15.	Friday, 6	1	0
16.	10	1	0
17.	10	1	0
18.	8	2	0
19.	18	3	0
20.	14	2	0
21.	54	2	0
22.	1400	2	0
23.	17,124.6	2	0
24.	1900	2	0
25.	$\frac{5}{3}$	1	0
26.	204	2	0
27.	226.67	2	0
28.	4	2	0
29.	9	3	0
30.	-1	2	0
31.	94.2	2	0

Total

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8-10 Minute Administration Time
